RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/576,093
Source:	IFWO
Date Processed by STIC:	02/22/2007
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IFWO

RAW SEQUENCE LISTING DATE: 02/22/2007
PATENT APPLICATION: US/10/576,093 TIME: 13:44:33

Input Set: F:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

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      5 <120> TITLE OF INVENTION: Method for Distinguishing MLL-PTD-Positive AML from Other
AML
              Subtypes
      8 <130> FILE REFERENCE: 22339-US
     10 <140> CURRENT APPLICATION NUMBER: US 10/576,093
C--> 11 <141> CURRENT FILING DATE: 2006-04-13
     13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012464
     14 <151> PRIOR FILING DATE: 2003-11-04
     16 <160> NUMBER OF SEQ ID NOS: 239
     18 <170> SOFTWARE: PatentIn version 3.4
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     21 <211> LENGTH: 491
     22 <212> TYPE: DNA
     23 <213> ORGANISM: Homo sapiens
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     27 <221> NAME/KEY: misc feature
     28 <223> OTHER INFORMATION: n = any nucleotide
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                                                                              180
     35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga
                                                                              240
     37 ggaggagece etgggaateg tggeggatat aataggaggg geaacatgee acagagaggt
     39 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgtttttcct
                                                                              300
     41 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg
                                                                              360
                                                                              420
     43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag
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     53 <213> ORGANISM: Homo sapiens
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     58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc
                                                                              120
     60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca
                                                                              180
     62 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg
                                                                              240
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     66 qtcttca
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Output Set: N:\CRF4\02222007\J576093.raw

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104 cctcagtact ttgcagaaaa	140
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117 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgctgg	180
119 atggtattaa tottgtgtag tottcaactg gttagtgtga aatagttotg coacctotga	240 300
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc 123 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca	360
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140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat 142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc	240
142 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac	300
146 getagatggt ggggacatea teaacgeect gtgetteage cetaaceget actggetgtg	360
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Input Set: E:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

161	agggacggag ccggactgga catggtcact c	cagtaccgcc t	gcagtgtcg	ccatgactga	120
	tcatggctct tgcatttttg ggtaaatgga g				180
	tgcctggaag aggagctggt ggctgccagc o				240
167	teceteaage cagggeteet ceteetgteg t	tgggctcatt t	gccaggctc	aggccaggtc	300
	tggacagetg tgacteteet caagecagga o				360
	gtgaccactg gcc		•		373
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	<211> LENGTH: 494	والمتجارية فاستفاده والأوامان والمتجادي	., :		
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182	ttcctagaga gcggtggcca agatggggca	ggggatgttg a	cgacctcga	ggacctcgaa	120
184	gaagcagagg agccagacat ggaggaagac	gatgaccaga a	agctgtgaa	agatgaactg	180
	taatacgcaa agccggaccc gggcgctgcc				240
	cagegeaege etecgaagee tgeggeeteg				300
190	gaacetetet gaagtgacae etcaceceta	cacaccotcc o	ttcaccccc	atctcttcct	360
192	tetgetttte ggtttttgga aaacceggat	cctactctag g	cageceace	ttaataaact	420
194	tgtttcctga aaccatgatg tactttttca t	tacatgagto t	gtogagagt	gcttgctacc ·	480
	grgtteggag tete		,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2	300030000	494
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205	tegteateag etggatgate geacagactg	taactactat t	accaaatta	acttcctatc	120
207	catttgacac cgttcgccgc cgcatgatga t	tacaatcaaa o	rcacaaaaa	actgacatca	180
	tgtacacagg cacgettgac tgctggcgga a				240
211	thit assess together satisfies of	agactgeteg t	gatgatgg	atacttatct	300
213	ttttcaaggg tgcatggtcc aatgttctca g	gaggcacggg c	rasttttcc	ccctatasac	360
215	tgtatgatga aatcaagaag tacacataag	aggattette s	gactect	gactataeat	420
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	tgcagggctt ctcctcctct gtcttttgga				180
232	actgccaggc tgtttcagcc aggaaggcca	aaatcaagag t	gagatgtag	tastastast	
234	aatagaaaaa gtggagttgg tgaatcggtt	gttettteet e	cacatttgga	cyattyceat	240 300
236	aaggttttta gcatgttcct ccttttcttc	acceteceet t	tgttettet	actaaccaag	
238	agaaacttca aagttaatgg gatggtcgga	tctcacaggc t	gagaactcg	ttcacctcca	360
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Input Set : E:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

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	tcgtagaaga ttcaagggcc					180
	aacaaagcac atgctgccca					240
257	ggaagtgctg ctgatgtgca	acaaatctta	ctgtgccgag	atcgctcaca	atgtttcctc	300
259	caagaaccgc aaagccatcg	tggaaagagc	tgcccaactg	gccatcagag	tcaccaaccc	360
261	caatgccagg ctgcgcagtg	aagaaaatga	gtaggcagct	catgtgcacg	ttttc	415
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	<211> LENGTH: 423					
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	aaggaaaaaa agaaaaaaac					120
272	taatttgttt taagctcctg	ttggaaaaa	agggatagta	cattttaaat	tgaccttcat	180
2/4	caattigtti taageteetg	atataattaa	taatgtages	ttatttgatc	traarttata	240
276	acgcttttaa aataagacaa	acctactiga	chargeacce	gazagata	atttaatatt	300
278	taaaaccaat aaatttgtgt	tactgcagta	gradicitat	gcacacggrg	accidatgee	. 360
280	atatatgcaa agtaggcaac	tgttttttta	gttacagaag	titteaagett	caccccage	
	cagtagaaac aaaagtaggc	tacagtctgt	gccatgttga	tgtacagttt	cigaaatigi	423
	ttt					. 423
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297	atcggcggac gcccatcacc	gtggtgaagc	aaggctttga	gcctccctcc	tttgtgggct	180
	ggttccttgg ctgggatgat					240
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316	agggtgctcg gacagaattc	ttaccacagc	aaaggcataa	gatgcttgat	acggaaaatc	180
318	agaaacttaa ctcttttgtt	gcagatagtc	atcagtggct	ctgtaaaaac	gcagaggaaa	240
320	agagccagaa ggtttctgtt	taatgcatct	tgccttatct	ttttttatta	ctgtgtacaa	300
322	agatttttt acacaaagaa	acttaatgct	gtattaataa	attcagtgtg	tagcttcaat	360
324	tgggatagtt ccaaaagtga	agattttgtq	aggaataagt	gcaaattttt	tttttattt	420
326	aaaaaattct ttgaaactct	taaqtctttq	tgtctqcaat	gaaattgtac	tccttgacag	480
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223	TOLON TILL. DAG					

Input Set : E:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

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339	tateegggtg eggeteeace cetteeacgt cateegcate aacaagatgt tgteetgtge	180
247	tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt	240
245	ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga	300
343	gcatgtgatt gaggccttgc gcagggccaa gttcaagttt cctggccgcc agaagatcca	360
240	catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc	420
251	tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct	480
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364	ogggetgetg tageaggaga ggatggeaga atgattgetg gecaggtttt agatattage -	180
362	ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag	240
300	atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg	300
370	tacagttace cageacgtgt accteetect ecteetattg etegggetgt agtgeeteg	360
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	<211> LENGTH: 496	
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387	cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt	180
389	tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt	240
391	gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc	300
393	cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca	360
395	ttatacggtc atcttgaatg atccctttga aattttttt ttgtttgttt gtttaaatca	420
397	agcctgaggc tggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct	480
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403	<211> LENGTH: 534	
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412	cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat	180
414	ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac	240
416	agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg	300
418	agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca cccctcgggg	360
420	ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac	420

Input Set : E:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
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Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,093

DATE: 02/22/2007 TIME: 13:44:34

Input Set: E:\22339-Sequence Listing.txt
Output Set: N:\CRF4\02222007\J576093.raw

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L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos. :0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
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L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
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L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
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L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
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L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
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 L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480
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L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
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L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
 L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360
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